

Exhibit 7

Expiration Data: 4/17/2018

EOUs Date: March 2016

Charted Claims:

Method: 27,28,31

US62266271	Box (“The accused instrumentality”)
27. A method for constructing a software system, comprising:	The accused instrumentality , in internal testing and usage, practices constructing a software system (e.g., Box softwares as well as other applications created based on Box APIs).

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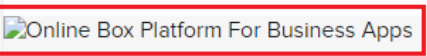
Secure, effortless collaboration from any device

Box makes it easy to manage and share files across your business.

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<https://web.archive.org/web/20160101075637/https://www.box.com/>

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<p>https://web.archive.org/web/20150923114227/https://www.box.com/business/platform/</p>	

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Powering content in your application

Whether you're creating custom apps for your teams or anyone in your extended ecosystem of customers, suppliers, and partners, Box Platform powers content services in your apps.

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<https://web.archive.org/web/20151226090008/https://developers.box.com/>

Box Content

The Box Content API lets you take advantage of best-in-class content management and collaboration features to power or customize your business apps.

- **Built for Business** Use the Content API to integrate with existing systems, automate work processes and build custom apps on the same enterprise grade API that powers the Box application.
- **Highly Secure** With support for single sign-on, file encryption in transit and at rest, built-in granular permissions and access settings, you can focus on innovation instead of worrying about security.
- **Delivering Intelligence** Leverage audit data and event notifications to view, analyze and react to what's happening in your account, organization or app in real-time.

[Learn more about the Content API >](#)

<https://web.archive.org/web/20150923114227/https://www.box.com/business/platform/>

Overview

Content API Basics

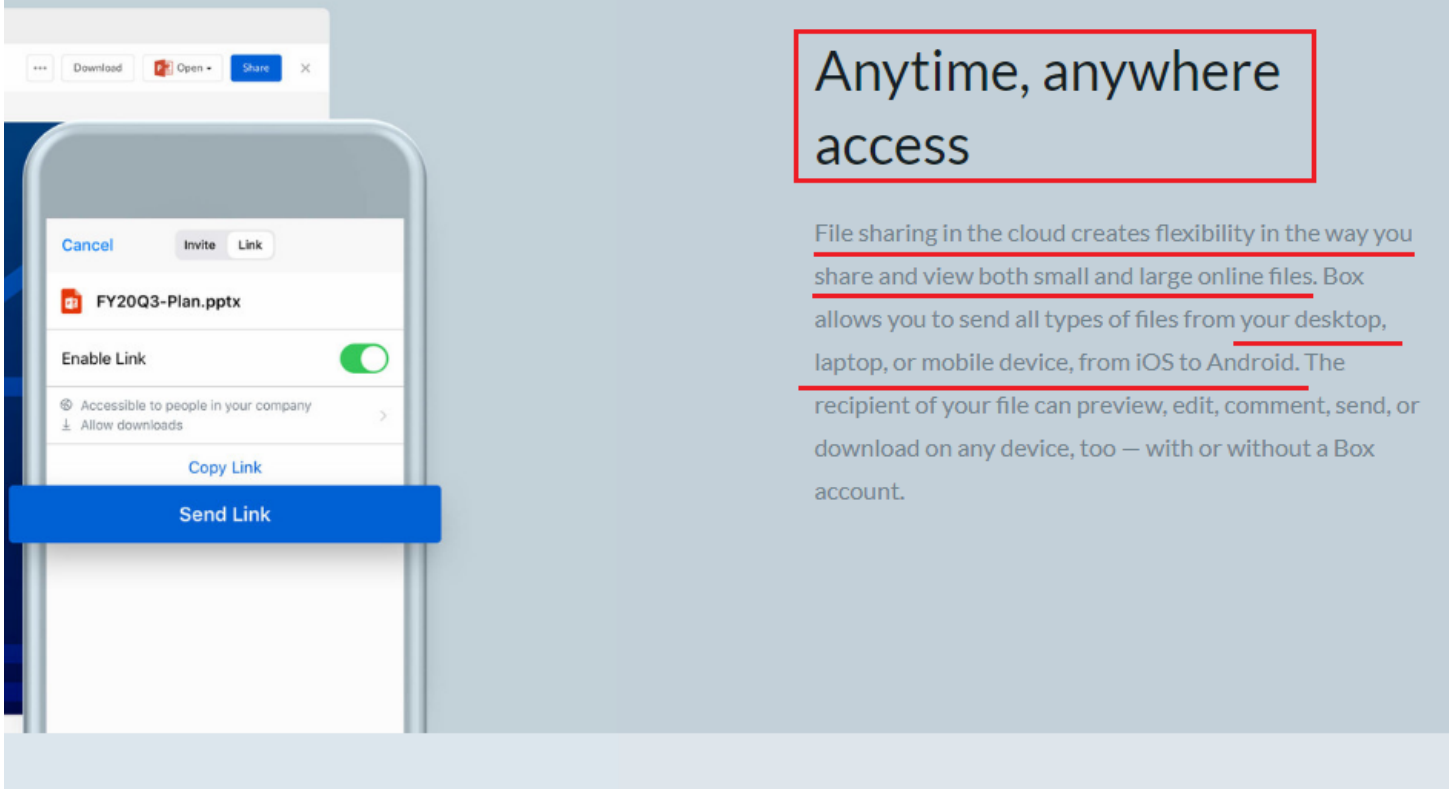
The Box Content API gives you access to secure content management and content experience features for use in your own app. It strives to be [RESTful](#) and is organized around the main resources you're familiar with from the Box web interface.

Before you do anything, you should [create a free Box account](#) that you can test the API against and [register for an API key](#) so that you can make API calls.

If you are building custom applications and wish to leverage the Box Content API without requiring a Box account, you will need to use Box Platform. You can find a tutorial for building with Box Platform [here](#).

If you are building custom applications for users with a Box account, you can follow the [authentication instructions](#) using OAuth 2.

<https://web.archive.org/web/20160324113854/https://box-content.readme.io/reference>

	 <p>Anytime, anywhere access</p> <p>File sharing in the cloud creates flexibility in the way you share and view both small and large online files. Box allows you to send all types of files from your desktop, laptop, or mobile device, from iOS to Android. The recipient of your file can preview, edit, comment, send, or download on any device, too — with or without a Box account.</p> <p>https://www.box.com/resources/downloads</p>
defining a plurality of actions;	The accused product practices defining a plurality of actions (e.g., update file, download file, lock file, etc.).

Update File

Uploading a new file version is performed in the same way as uploading a file. This method is used to upload a new version of an existing file in a user's account. Similar to regular file uploads, these are performed as **multipart form uploads**. An optional **If-Match** header can be included to ensure that client only overwrites the file if it knows about the latest version. The filename on Box will remain the same as the previous version. To update the file's name, use `PUT /files/{id}`.

POST`https://upload.box.com/api/2.0/files/FILE_ID/content`

Form Data

If-Match
string

This is in the 'etag' field of the file object.

Note that uploads are handled through `https://upload.box.com`.

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#upload-a-new-version-of-a-file

Download File

Retrieves the actual data of the file. An optional version parameter can be set to download a previous version of the file.

CET

/files/FILE_ID/content

Query Params

Range string	<i>The range value in bytes. Format should be <code>bytes={start_range}-{end_range}</code></i>
version string	<i>The ID specific version of this file to download.</i>
BoxApi string	<i>The shared link for this item. Format should be <code>shared_link=SHARED_LINK</code></i>

https://web.archive.org/web/20160324113854mp_/https://box-content.readme.io/reference#page-download-a-file

Lock and Unlock

To lock and unlock files, you execute a PUT operation on the `/files/{file id}` endpoint and set or clear the lock properties on the file.

PUT

`/files/FILE_ID`

Form Data

lock
object

REQUIRED

The lock object

type
string

REQUIRED

Child of `lock`. Can be `lock` or `unlock`.

expires_at
timestamp

Child of `lock`. The time the lock expires.

is_download_preven...
boolean

Child of `lock`. Whether or not the file can be downloaded while locked.

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#lock-and-unlock

defining a set of storage locations, each storage location having a storage value and at least one associated attribute value;

[Column:5,6
Line:65-66,1-4]

The attributes used to stamp the attribute-stamped storage locations 22-26 can be a time-stamp or any other arbitrary parameter. Preferably, the attribute used is a time-stamp T or a

The accused product practices defining a set of storage locations (e.g., various file/folder storage locations across multiple devices, for example, a smartphone, a laptop, a computer etc., linked to a Box account , each storage location having a storage value (e.g., any metadata corresponding to the storage location) and at least one associated attribute value (e.g., time stamp of latest update corresponding to the updated storage location).

As shown below, the accused product provides synchronization between files on different devices, for example, computers (e.g., a computer with Windows Chrome with a specific IP address), smartphones (e.g., a smartphone with Box for Android app) , tablets, etc. In order to synchronize files in all of the linked devices, the accused product must know the storage locations of every file on each of the devices where the syncing needs to be performed.

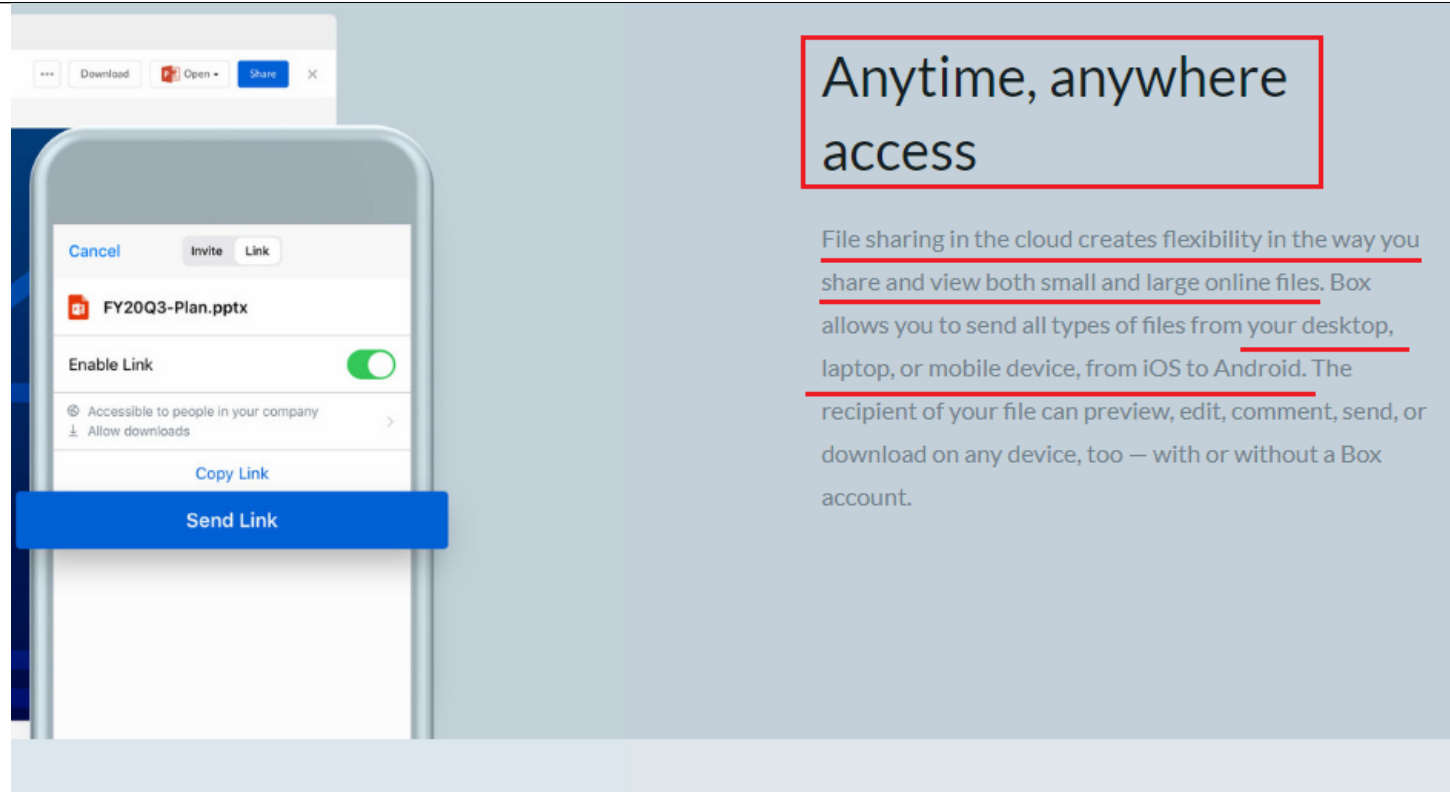
For example, the accused product on its server, stores files “Test File” at a storage locations provided by the corresponding URL. These files are synced to respective storage locations in all the linked devices.

Security Profile Diagnostics Integrations						
#	Application	Added	Last Accessed	Last Access Location	Forget App	
1	Box for Android		Sep 14, 20	Approximated based on IP address: 192.241.240.48	X	
2	Windows Chrome			New York, NY, USA	Current sess...	
				New York, NY, USA	Forget All	

computation-stamp as defined below. FIG. 2(b) illustrates a general time-stamped storage location 22.

[Column: 8
Line:61-64]

Each location has a value which may be undefined. The stamps 211, 213, 231, 233 and 251, respectively, are associated with the locations 210, 212, 230, 232, and 250.



<https://www.box.com/resources/downloads>

Get File's Info

Used to retrieve the metadata about a file.

/files/FILE_ID

Query Params

fields *Attribute(s) to include in the response*
string

Returns

A full file object is returned if the ID is valid and if the user has access to the file.

Request

cURL

```
curl https://api.box.com/2.0/files/FILE_ID
-H "Authorization: Bearer ACCESS_TOKEN"
```

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#file-object

Get all metadata

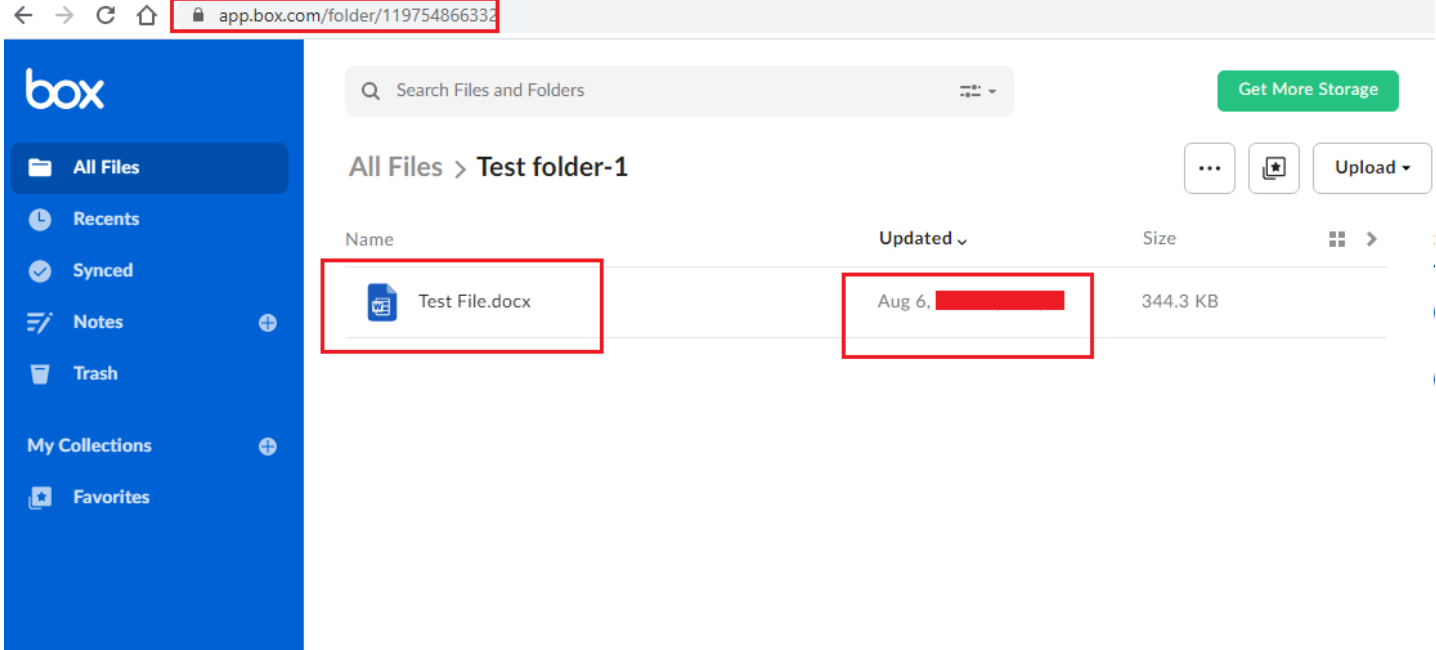
Used to retrieve all metadata associated with a given file

 /files/FILE_ID/metadata/

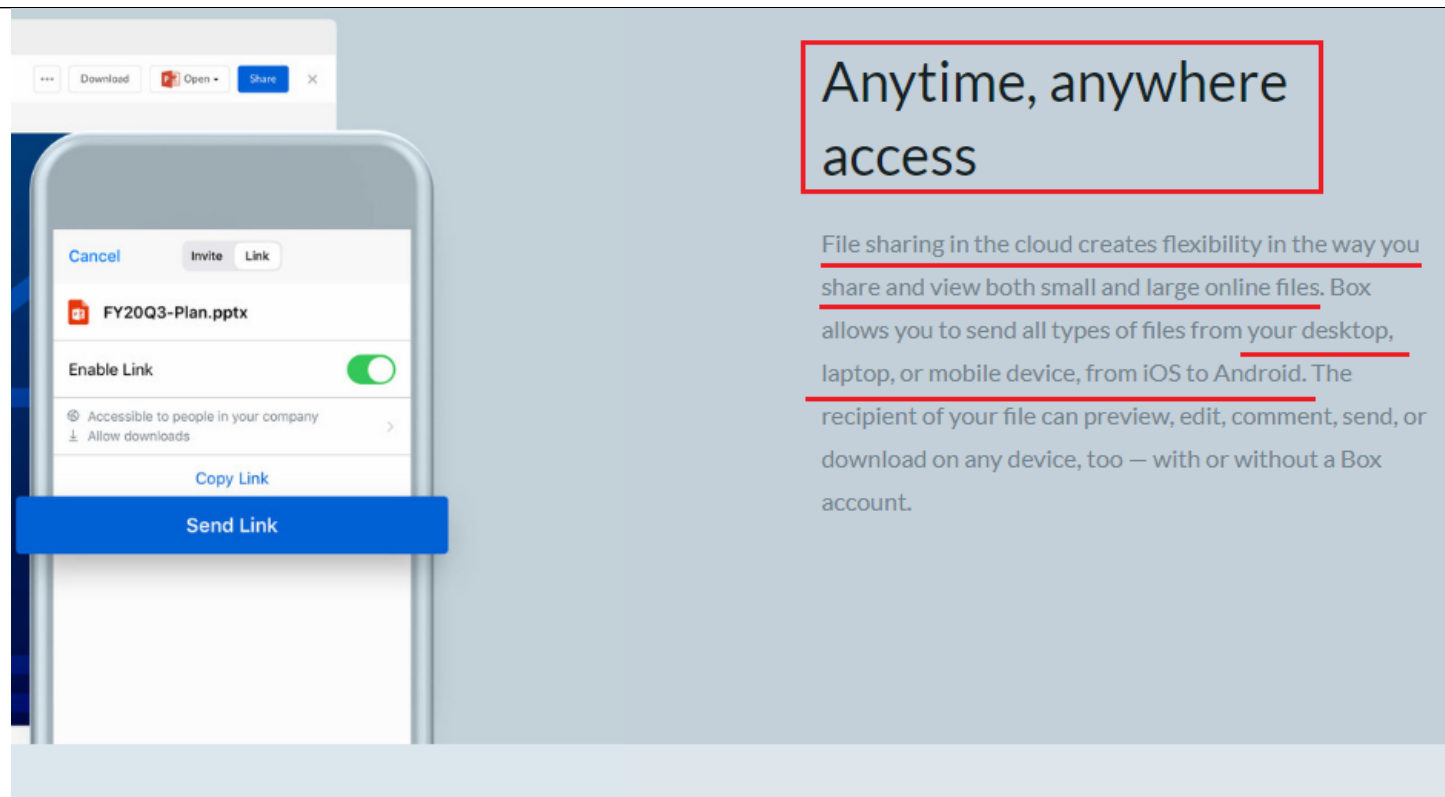
Returns

An array of metadata template instances associated with the file.

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#get-all-metadata

	 <p>The screenshot shows the Box web interface. The browser address bar displays the URL <code>app.box.com/folder/119754866332</code>. The left sidebar contains navigation options: All Files, Recents, Synced, Notes, Trash, My Collections, and Favorites. The main content area shows the 'Test folder-1' with a table of files. The table has columns for Name, Updated, and Size. A single file, 'Test File.docx', is listed with an update date of 'Aug 6, [redacted]' and a size of '344.3 KB'. Red boxes highlight the file name, the update date, and the browser URL.</p>
<p>associating, for each action, at least two of the plurality of storage locations with that action; and</p>	<p>The accused product practices associating, for each action (e.g., update file, download file, lock file, etc.), at least two of the plurality of storage locations (e.g., storage locations corresponding to a file at linked devices) with that action (e.g., update file, download file, lock file, etc.).</p> <p>As shown below, the accused product allows the syncing of any modification/update/download/lock across all devices. In order for this to happen, each action, for example, modification/update/download/lock should be associated with storage locations on all devices corresponding to the file on which action is performed to ensure that any modification/update/download/lock gets reflected on all linked devices.</p>

<div>SecurityProfileDiagnosticsIntegrations</div>						
#	Application	Added	Last Accessed	Last Access Location	Forget App	
1	Box for Android		Sep 14, 20	New York, NY, USA	X	
2	Windows Chrome				Current sess...	
				New York, NY, USA	Forget All	



Anytime, anywhere access

File sharing in the cloud creates flexibility in the way you share and view both small and large online files. Box allows you to send all types of files from your desktop, laptop, or mobile device, from iOS to Android. The recipient of your file can preview, edit, comment, send, or download on any device, too — with or without a Box account.

<https://www.box.com/resources/downloads>

Update File

Uploading a new file version is performed in the same way as uploading a file. This method is used to upload a new version of an existing file in a user's account. Similar to regular file uploads, these are performed as **multipart form uploads**. An optional **If-Match** header can be included to ensure that client only overwrites the file if it knows about the latest version. The filename on Box will remain the same as the previous version. To update the file's name, use `PUT /files/{id}`.

POST`https://upload.box.com/api/2.0/files/FILE_ID/content`

Form Data

If-Match
string

This is in the 'etag' field of the file object.

Note that uploads are handled through `https://upload.box.com`.

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#upload-a-new-version-of-a-file

Download File

Retrieves the actual data of the file. An optional version parameter can be set to download a previous version of the file.

CET

/files/FILE_ID/content

Query Params

Range string	<i>The range value in bytes. Format should be <code>bytes={start_range}-{end_range}</code></i>
version string	<i>The ID specific version of this file to download.</i>
BoxApi string	<i>The shared link for this item. Format should be <code>shared_link=SHARED_LINK</code></i>

https://web.archive.org/web/20160324113854mp_/https://box-content.readme.io/reference#page-download-a-file

Lock and Unlock

To lock and unlock files, you execute a PUT operation on the `/files/{file id}` endpoint and set or clear the lock properties on the file.

PUT `/files/FILE_ID`

Form Data

lock
object

REQUIRED

The lock object

type
string

REQUIRED

Child of `lock`. Can be `lock` or `unlock`.

expires_at
timestamp

Child of `lock`. The time the lock expires.

is_download_preven...
boolean

Child of `lock`. Whether or not the file can be downloaded while locked.

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#lock-and-unlock

generating a
selection rule.


The accused product practices generating a selection rule (e.g., a conflict resolution selection rule to determine which action should prevail over other, for example, lock action prevails over a download action when the setting is so set and a user attempts to download a file which has been locked).

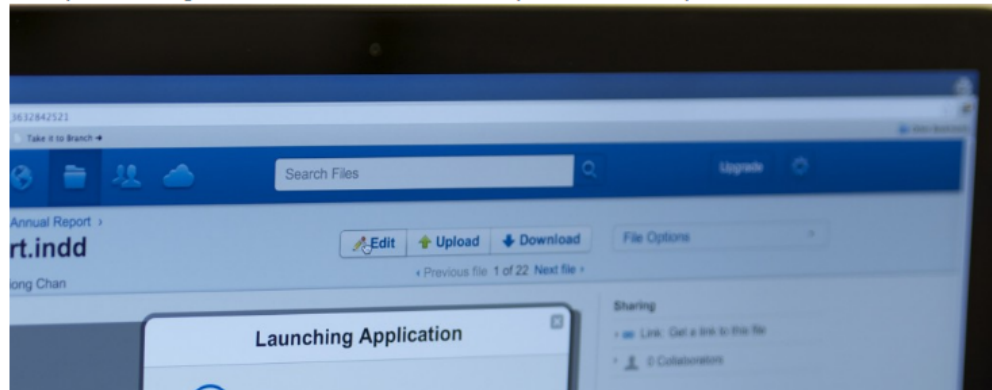
[Column: 8
Line:11-56]

This invention preferably uses a specific type of selection rule, called a preference policy, that is based on a preference relation that specifies if one action is to be preferred over another action.

[Column: 16
Line:56-60]

Instead of a random selection rule, the preferred embodiment of this invention

do with Box Edit? We've got you covered.  Edit existing files and save changes to the cloud With Box Edit, you can edit all the file types you already work with – like images, videos, spreadsheets, documents and more – without leaving Box. To make changes while previewing a file, click the Edit button and the file will open in the native application associated with that file type. For example, if you want to edit a .doc file, it will open in Microsoft Word automatically. If you're modifying a .psd file, you're just a click away from working on it in Adobe Photoshop. If you can edit a file on your PC or Mac, you can edit it with Box. Once you're done, click Save within that app and your changes will be saved back to Box automatically. Your latest work goes straight to the cloud, no uploading required! **Create new Microsoft Office files on Box** The New menu option includes a quick way for you to create new Microsoft Word, Excel or PowerPoint files without leaving Box. You'll add a title and the new document will be launched automatically in the associated native application so you can get straight to work. Use file locking for conflict-free collaboration With file lock/unlock functionality, you can lock a document to prevent others from making conflicting changes while you're editing. Just remember to unlock it when you're finished so your team can continue collaborating as needed.




<https://blog.box.com/box-edit-with-auto-updates-means-easier-file-editing-forever>

uses as the selection rule a preference relation that specifies which of any two actions is to be preferred over the other. This type of preference relation is represented by a table that is determined once and stored in memory.

Lock and Unlock

To lock and unlock files, you execute a PUT operation on the /files/{file id} endpoint and set or clear the lock properties on the file.

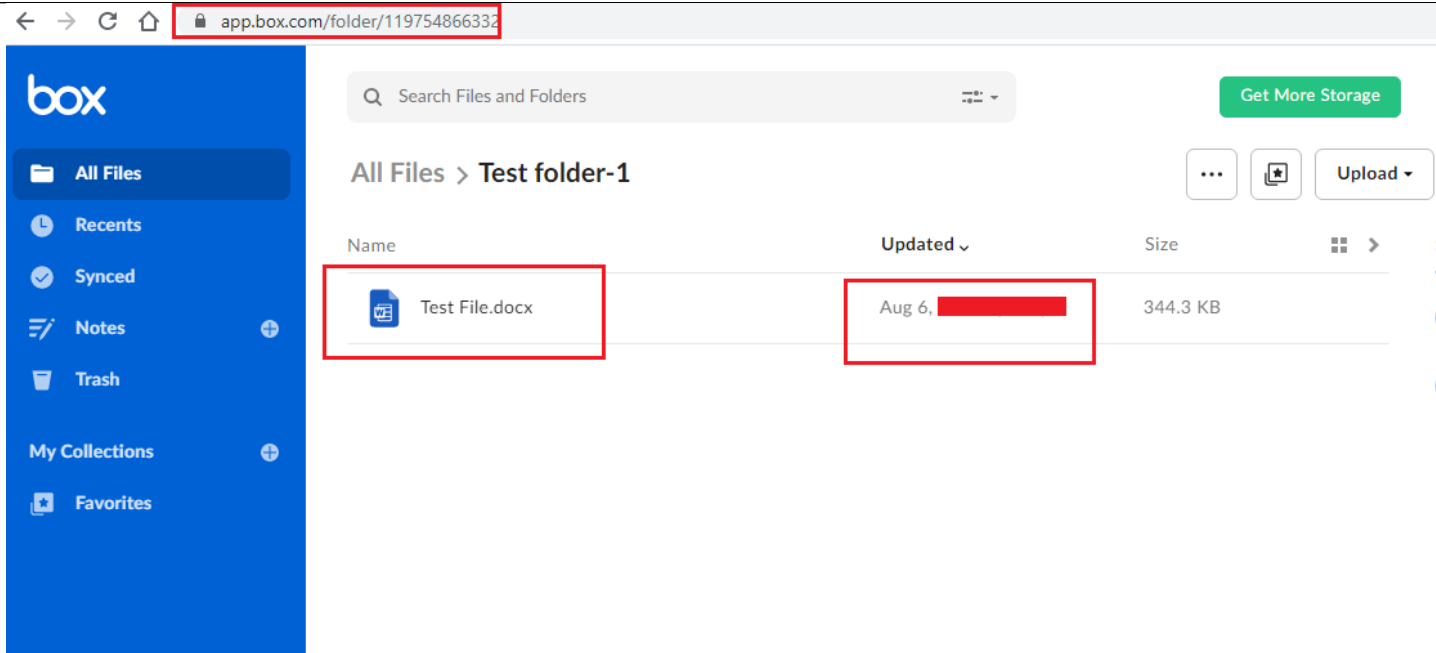
 /files/FILE_ID
.....

Form Data

lock object	REQUIRED The lock object
type string	REQUIRED Child of <code>lock</code> . Can be <code>lock</code> or <code>unlock</code> .
expires_at timestamp	Child of <code>lock</code> . The time the lock expires.
is_download_preven... boolean	Child of <code>lock</code> . <u>Whether or not the file can be downloaded while locked.</u>

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#lock-and-unlock

	<p>When you need to make changes to a file, and want to prevent other users from getting to it while you work:</p> <ol style="list-style-type: none">1. Hover on the file, and click the drop-down arrow to the right of the file name.2. Click <u>Lock File</u>.3. Box displays a pop-up window in which <u>you can check boxes to prevent other users from downloading the file while it is locked, and/or set an expiration time for the lock. To lock the file, click Continue.</u>4. All done? Save the file in the program you used to edit it – and be sure to use the same file name.5. To get the updated file back in Box, hover on the locked file and click the drop-down arrow to the right of the file name, then click Unlock File.6. To upload your new version, click the drop-down arrow next to the folder and select Upload New Version. Box displays a pop-up window, allowing you to select the edited version. Click Select file, grab the file from your computer, then to upload and unlock the file, click Upload. <p>https://support.box.com/hc/en-us/articles/360044195193-Collaborate-on-Files</p>
28. The method of claim 27, wherein the attribute value is a time-stamp representing a time when the storage location was last updated.	<p>The attribute value is a time-stamp representing a time when the storage location was last updated. The file stored at a storage location has the attribute value as time-stamp representing a time when the storage location was last updated.</p>

	 <p>The screenshot displays the Box web application interface. The browser's address bar shows the URL <code>app.box.com/folder/119754866332</code>. The left sidebar contains navigation options: All Files, Recents, Synced, Notes, Trash, My Collections, and Favorites. The main content area shows the 'Test folder-1' with a table of files. The table has columns for Name, Updated, and Size. A single file, 'Test File.docx', is listed with an update date of 'Aug 6, [REDACTED]' and a size of '344.3 KB'. The file name and the update date are highlighted with red boxes.</p> <table><tr><th>Name</th><th>Updated</th><th>Size</th></tr><tr><td>Test File.docx</td><td>Aug 6, [REDACTED]</td><td>344.3 KB</td></tr></table>	Name	Updated	Size	Test File.docx	Aug 6, [REDACTED]	344.3 KB
Name	Updated	Size					
Test File.docx	Aug 6, [REDACTED]	344.3 KB					
31. The method of claim 27, wherein generating the selection rule comprises generating a preference relation.	Generating the selection rule comprises generating a preference relation (e.g., lock action prevails over a download action when the setting is so set and a user attempts to download a file which has been locked).						

Lock and Unlock

To lock and unlock files, you execute a PUT operation on the /files/{file id} endpoint and set or clear the lock properties on the file.

 /files/FILE_ID

Form Data

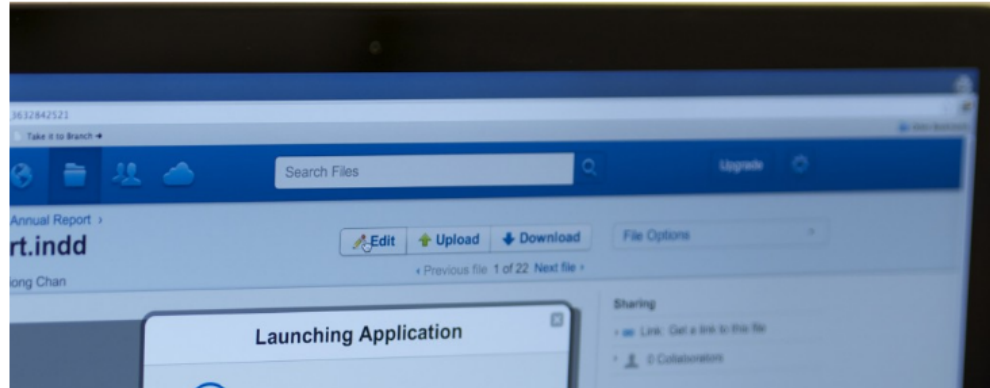
lock object	REQUIRED <i>The lock object</i>
type string	REQUIRED <i>Child of <code>lock</code>. Can be <code>lock</code> or <code>unlock</code>.</i>
expires_at timestamp	<i>Child of <code>lock</code>. The time the lock expires.</i>
is_download_preven... boolean	<i>Child of <code>lock</code>. <u>Whether or not the file can be downloaded while locked.</u></i>

https://web.archive.org/web/20160324113854if_/https://box-content.readme.io/reference#lock-and-unlock

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Edit

existing files and save changes to the cloud With Box Edit, you can edit all the file types you already work with – like images, videos, spreadsheets, documents and more – without leaving Box. To make changes while previewing a file, click the Edit button and the file will open in the native application associated with that file type. For example, if you want to edit a .doc file, it will open in Microsoft Word automatically. If you're modifying a .psd file, you're just a click away from working on it in Adobe Photoshop. If you can edit a file on your PC or Mac, you can edit it with Box. Once you're done, click Save within that app and your changes will be saved back to Box automatically. Your latest work goes straight to the cloud, no uploading required! **Create new Microsoft Office files on Box** The New menu option includes a quick way for you to create new Microsoft Word, Excel or PowerPoint files without leaving Box. You'll add a title and the new document will be launched automatically in the associated native application so you can get straight to work. **Use file locking for conflict-free collaboration** With file lock/unlock functionality, you can lock a document to prevent others from making conflicting changes while you're editing. Just remember to unlock it when you're finished so your team can continue collaborating as needed.



<https://blog.box.com/box-edit-with-auto-updates-means-easier-file-editing-forever>

When you need to make changes to a file, and want to prevent other users from getting to it while you work:

1. Hover on the file, and click the drop-down arrow to the right of the file name.
2. Click **Lock File**.
3. Box displays a pop-up window in which you can check boxes to prevent other users from downloading the file while it is locked, and/or set an expiration time for the lock. To lock the file, click **Continue**.
4. All done? Save the file in the program you used to edit it – and be sure to use the same file name.
5. To get the updated file back in Box, hover on the locked file and click the drop-down arrow to the right of the file name, then click **Unlock File**.
6. To upload your new version, click the drop-down arrow next to the folder and select **Upload New Version**. Box displays a pop-up window, allowing you to select the edited version. Click **Select file**, grab the file from your computer, then to upload and unlock the file, click **Upload**.

<https://support.box.com/hc/en-us/articles/360044195193-Collaborate-on-Files>